Met Office

Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 30 Nov 2023 until 23:59 on Friday 01 Dec 2023

Forecast Issued on Thursday 30 Nov 2023 at 04:14

Confidence: High for cold conditions. Medium for snow details. Low confidence in details from Sunday.

Headline for Thursday 30 Nov 2023: Cold. Bright or sunny spells. Snow showers. Severe wind chill.

Mountain weather hazards on Thursday 30 Nov 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Fog	Cloudy	Sunny intervals	Light snow showers	Clear night	Clear night
Precipitation probability					
30%	20%	20%	30%	20%	20%

Forecast for Thursday 30 Nov 2023

Weather: Cold with a frost for much of the time, perhaps some freezing fog patches in the valleys. Bright or clear spells, but also isolated snow showers.

Chance of cloud-free hill tops above 600m: 60%

Low cloud and visibility: Scattered to extensive cloud, base around 600m, falling to around 300m in snow showers. Visibility very good falling poor or very poor in snow showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Thursday 30 Nov 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	25/31 E	20/24 NE	19/23 NE	16/20 NE	14/18 NE	13/18 NE	12/17 NE
300	14/22 E	12/18 NE	14/17 NE	11/15 NE	8/11 NE	8/12 NE	8/11 NE
Valley	7/21 E	8/21 NE	8/17 NE	6/15 NE	5/16 NE	5/16 NE	5/16 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-10	-3/-10	-2/-9	-2/-9	-3/-9	-4/-10	-3/-9
300	-1/-6	-0/-6	0/-5	1/-4	-1/-5	-1/-5	-1/-5
Valley	-0/-4	0/-4	2/-2	1/-2	-1/-4	-1/-4	-1/-4
Freezing Level*	100m	100m	200m	300m	100m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Winter conditions taking hold.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 30 Nov 2023	0.2mm	0.6mm	11mm

Forecast for Friday 01 Dec 2023

Weather: Scattered snow showers likely overnight and during the morning. Freezing fog patches possible in the valleys. Mainly sunny or clear during the afternoon and evening.

Maximum wind: Northeast 15mph, easing later. Significant wind chill at first.

Chance of cloud-free hill tops above 600m: 80%

Low cloud and visibility: Scattered to extensive cloud at first, base around 600m, falling to around 300m in snow showers, becoming nil significant during the afternoon and evening. Visibility very good falling poor or very poor in snow showers.

Temperature: **Valleys:** Minus 4 Celsius rising to around Plus 2 Celsius around the middle of the day.
At 600m: Minus 2 to Minus 6 Celsius
Freezing level: All levels, perhaps rising to around 200m around the middle of the day.

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